

FIG. 1

TITLE: A METHOD SYSTEM FOR PARALLEL HASH TRANSFORMATION R AN ADDRESS INPUT INVENTOR(S): Mark Gooch
Attorney Docket #: HP-100202163-1

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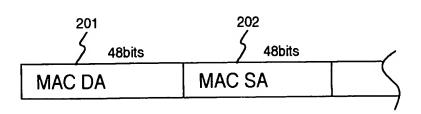
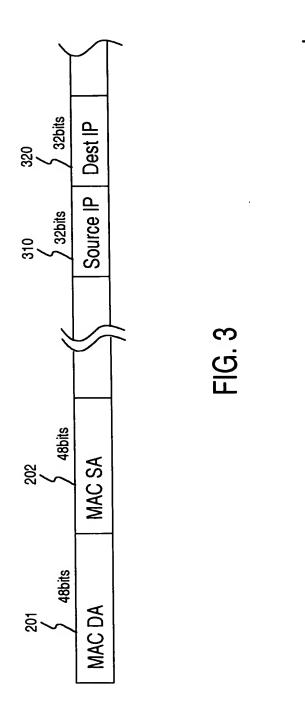
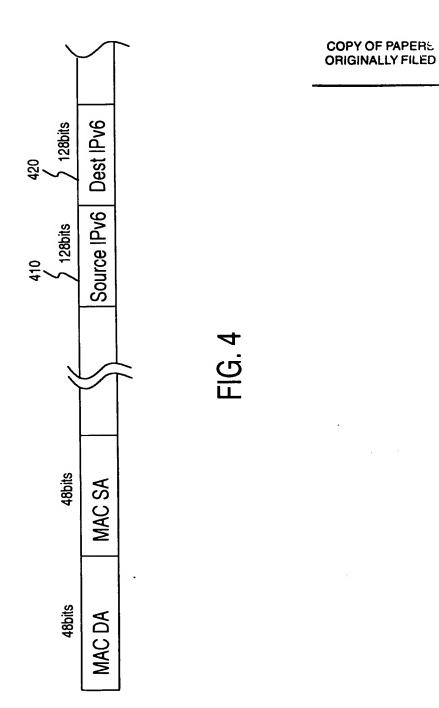


FIG. 2

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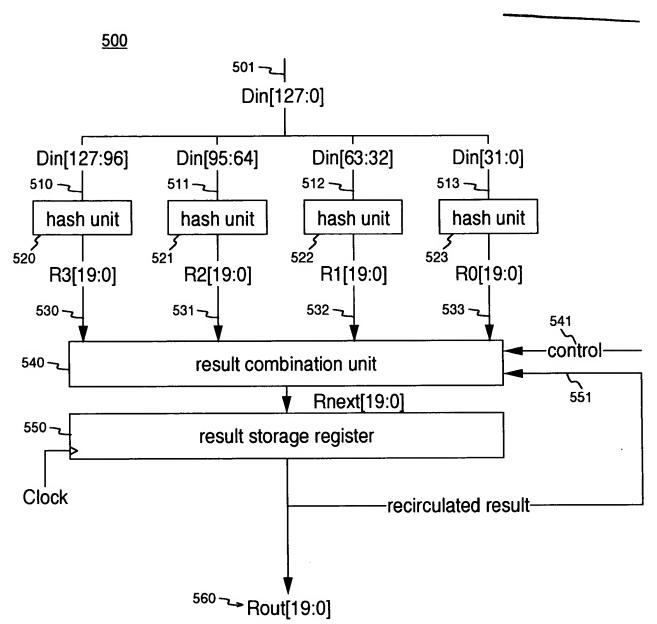


FIG. 5

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```
if (control == 0)
    {
    Rnext = R3 XOR R2 XOR R1 XOR R0;
    }
else
    {
    Rnext = R3 XOR R2 XOR R1 XOR R0 XOR Rout;
    }
    Rout < = Rnext on each positive clock edge</pre>
```

FIG. 6

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<u>700</u>

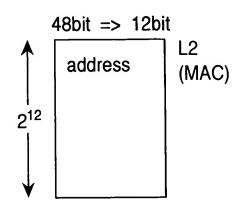


FIG. 7

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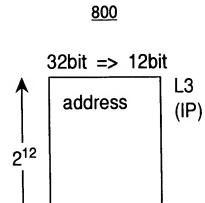


FIG. 8

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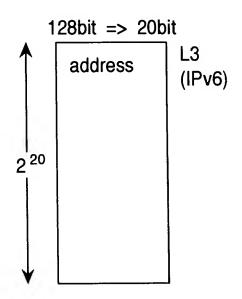


FIG. 9

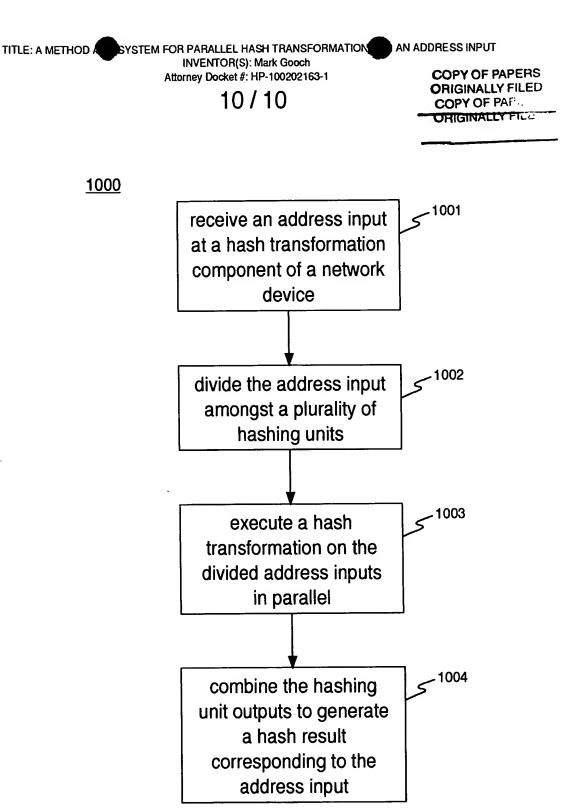


FIG. 10